THAT WHICH IS CLAIMED IS:

1. A method of treating a beta-herpes virus infection in a subject in need thereof, comprising administering to said subject a compound of **Formula I:**

$$R^2$$
 X^3
 X^4
 X^1
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 X^1
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 X^2
 X^3
 X^4
 X^4

or a pharmaceutically acceptable salt thereof in an amount effective to treat said infection, wherein:

 R^1 and R^2 are each independently selected from the group consisting of H and alkyl; X^1 , X^2 , X^3 and X^4 are each independently selected from the group consisting of O and S;

Y is selected from the group consisting of N, O, S and C;

R³ is selected from the group consisting of H and alkyl, subject to the proviso that R³ is absent when Y is O or S; and

 R^4 is selected from the group consisting of H and alkyl, subject to the proviso that R^4 is absent when Y is O, S or N.

- 2. The method of claim 1, wherein said virus is selected from the group consisting of herpes virus 6, herpes virus 7, and human cytomegalovirus.
 - 3. The method of claim 1, wherein R^1 and R^2 are each H or methyl.
 - 4. The method of claim 1, wherein X^1 , X^2 , X^3 and X^4 are O.

- 5. The method of claim 1, wherein Y is N.
- 6. The method of claim 1, wherein Y is O.
- 7. The method of claim 1, wherein Y is S.
- 8. The method of claim 1, wherein Y is C.
- 9. The method of claim 1, wherein R³ and R⁴ are H or methyl.
- 10. A method of treating an alpha-herpes virus infection in a subject in need thereof, comprising administering to said subject a compound of **Formula II:**

$$R^2$$
 R^3
 R^4
 R^1
 R^1
 R^1
 R^1

or a pharmaceutically acceptable salt thereof in an amount effective to treat said infection, wherein:

W is selected from the group consisting of N and CR⁵;

 R^1 , R^2 and R^5 are each independently selected from the group consisting of H, alkyl, hydroxy, alkoxy and halo;

X³ and X⁴ are each independently selected from the group consisting of O and S; Y is selected from the group consisting of N, O, S and C; R³ is selected from the group consisting of H and alkyl, subject to the proviso that R³ is absent when Y is O or S; and

R⁴ is selected from the group consisting of H and alkyl, subject to the proviso that R⁴ is absent when Y is O, S or N.

- 11. The method of claim 10, wherein said virus is selected from the group consisting of herpes simplex virus, herpes virus 8, Varicella-Zoster virus and herpes virus simiae.
 - 12. The method of claim 10, wherein W is N.
 - 13. The method of claim 10, wherein W is CR⁵.
- 14. The method of claim 10, wherein R¹, R² and R⁵ are each independently selected from the group consisting of H and methyl.
 - 15. The method of claim 10, wherein X^3 and X^4 are each O.
 - 16. The method of claim 10, wherein Y is N.
 - 17. The method of claim 10, wherein Y is O.
 - 18. The method of claim 10, wherein Y is S.
 - 19. The method of claim 10, wherein Y is C.
 - 20. The method of claim 10, wherein R³ and R⁴ are each H or methyl.